The Conference for Time Travelers Problem

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Abstract: We discuss the problems arising from viewing a conference for time travelers as being a metric for disproving time travel.

1 Introduction Time travel to a past event would imply such a past event having occurred already without said time travel affecting its events. So a conference for time travelers would run and be experienced without any time travel effecting its timeline or time travelers showing up at least once, which would serve as the basis for such a past event to time travel to. Think if you were to hold a conference for time travellers and keep it to yourself, then in the future you have someone time travel to the conference and return back to the future. The conference where no one was there still happened as it is a part of the entire trajectory.

2 Conclusion You would still have in your memory telling the other person to go to this conference which you recalled was just you by memory. This memory would remain regardless of whether we view the time travel to the conference as changing the memory of such a conference in hindsight or the as being on different timelines per se. The empty conference is required to describe the entire trajectory of events regardless of the model you use. A change of state does not mean a prior state did not exist, even if it’s the exact original moment being altered.